

WHAT IS CLAIMED IS:

1. A prosthetic device comprising:

a first component having a first bearing surface;

a second component having a second bearing surface disposed in sliding bearing engagement with the first bearing surface, the second bearing surface including a groove and a recess formed at one end of said groove and notches formed at each opposed end of said groove; and

a control assembly having a pivotal support pivotally engaged with said first component, a control arm in proximity to the pivotal support, the control arm having opposite first and second ends and being engaged in said groove, a first stop disposed at the first end of the control arm and engaged in the first notch of the bearing and a second stop removably mounted to second end of said control arm and engaged in said second notch for limiting movement of said second component relative to said first component in directions parallel to the control arm.

2. The prosthetic device of claim 1, further comprising means for limiting rotational movement of the second component relative to the first component.

3. The prosthetic device of claim 1, further comprising a rotation-limiting stop pin secured in proximity to the second component and configured for limiting pivotal movement of the first component relative to the second component.

4. The prosthetic device of claim 3, wherein the rotation-limiting stop pin is dimensioned and configured relative to the second component for limiting rotational movement to approximately 30°.

5. The prosthetic device of claim 1, wherein the second stop is removably mounted to the second end of the control arm by at least one screw accessible at the second end of the control arm.

6. The prosthetic device of claim 1, further comprising a third component in articular bearing engagement with a surface of said first component substantially opposite said first bearing surface.

7. A knee joint prosthesis comprising:

a tibial component having a superior bearing surface;

a bearing having an inferior surface in sliding bearing engagement with the superior bearing surface of the tibial component, a groove extending substantially from an anterior extreme to a posterior extreme in the inferior surface of the bearing, anterior and posterior notches formed in the inferior surface of the bearing substantially at anterior and posterior ends of the groove;

a control arm engaged with the tibial component and slidably engaged in the groove of the bearing;

a posterior control arm stop pin extending from the control arm and engaged in the posterior control arm notch of the bearing; and

an anterior control arm stop removably mounted to the anterior end of the control arm and engaged in the anterior notch of the bearing for limiting anterior and posterior movement of the bearing on the superior bearing surface of the tibial component.

8. The prosthesis of claim 7, further comprising a rotation-limiting stop pin fixed relative to the tibial component and disposed for engaging the bearing for limiting rotational movement of the bearing on the tibial component.

9. The prosthesis of claim 8, wherein the rotation-limiting stop and the bearing are configured for permitting approximately 15° of rotation of the bearing in either direction from a central position.